

AMENDMENT

In accordance with Rule 1.121, a clean copy of the amended claims is reproduced below. An Appendix is attached to show the changes made to the claims by current amendment.

In the Claims:

Please cancel claim 4

Please amend the claims as follows:

1. (Amended) A multi-layer thermoformable plastic film comprising:
an outer layer comprising a blend of a very low density polyethylene, ethylene vinyl acetate, and a compatibilizer, wherein said very low density polyethylene is an ethylene α-olefin copolymer having a density between 0.900 and 0.915 g/cm³ and said compatibilizer is an ethylene α-olefin copolymer having a density less than 0.900 g/cm³;
an intermediate layer comprising a mixture of nylon copolymer and an amorphous nylon;
an inner layer comprising a polyolefin or ionomeric polymer; and at least one adhesive that bonds said outer, intermediate, and inner layers together.
2. (Amended) The multi-layer thermoformable film of Claim 1, wherein the outer layer comprises a blend of:
about 30% to 50% by weight very low density polyethylene, based on the total weight of the outer layer;

about 30% to 45% by weight ethylene vinyl acetate, based on the total weight of the outer layer; and

about 10% to 24% by weight of a compatibilizer, based on the total weight of the outer layer.

3. (Amended) The multi-layer thermoformable film of Claim 1, wherein the outer layer comprises a blend of:

about 44% by weight very low density polyethylene, based on the total weight of the outer layer;

about 36% by weight ethylene vinyl acetate, based on the total weight of the outer layer; and

about 15% by weight of a compatibilizer, based on the total weight of the outer layer.

5. (Twice Amended) The multi-layer thermoformable film of Claim 1, wherein said compatibilizer is an ethylene α -olefin copolymer having a density less than 0.900 g/cm³ with a melting point range of 55-75° C.

6. (Amended) The multi-layer thermoformable film of Claim 1, wherein said compatibilizer is TAFMER 1085.

19. (Amended) The amorphous nylon of Claim 14, wherein the amorphous nylon is SELAR PA 3426.

24. (Amended) The multi-layer thermoformable film of Claim 1, wherein the inner layer comprises SURLYN 1650.

26. (Amended) The multi-layer thermoformable film of Claim 1, wherein the inner layer comprises SURLYN 1601.

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28. (Amended) The multi-layer thermoformable film of Claim 1, wherein the inner layer comprises AFFINITY PL 1880.

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29. (Amended) The multi-layer thermoformable film of Claim 1, wherein the inner layer has a thickness of greater than about 37 μm .

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32. (Amended) The multi-layer thermoformable film of Claim 1, wherein the at least one adhesive comprises BYNEL 3095.

33. (Twice Amended) The multi-layer thermoformable film of Claim 1, wherein the at least one adhesive forms bonding interfaces between the outer layer and the intermediate layer, and between the intermediate layer and the inner layer, wherein said bonding interfaces have a thickness of about 5 μm to 25 μm .

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34. (Twice Amended) The multi-layer thermoformable film of Claim 1, wherein the at least one adhesive forms bonding interfaces between the outer layer and the intermediate layer, and between the intermediate layer and the inner layer, wherein said bonding interfaces have a thickness of about 10 μm to 20 μm .

35. (Twice Amended) The multi-layer thermoformable film of Claim 1, wherein the at least one adhesive forms bonding interfaces between the outer layer and the intermediate layer, and between the intermediate layer and the inner layer, wherein said bonding interfaces have a thickness of about 15 μm .

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36. (Amended) A multi-layer thermoformable plastic film comprising:
an outer layer comprising a blend of a very low density polyethylene, ethylene vinyl acetate, and a compatibilizer, wherein said very low density polyethylene is an ethylene α -olefin copolymer having a density between 0.900 and 0.915 grams/cm³ and said

compatibilizer is an ethylene α -olefin copolymer having a density less than 0.900 g/cm³;

an intermediate layer comprising a mixture of nylon copolymer and an amorphous nylon;

an inner layer comprising a polyolefin or ionomeric polymer; and at least one adhesive that bonds said outer, intermediate, and inner layers together,

wherein the outer layer comprises a blend of:

about 30% to 50% by weight very low density polyethylene, based on the total weight of the outer layer;

about 30% to 45% by weight ethylene vinyl acetate, based on the total weight of the outer layer; and

about 10% to 24% by weight of a compatibilizer, based on the total weight of the outer layer.

37. (Amended) A multi-layer thermoformable plastic film comprising:
an outer layer comprising a blend of a very low density polyethylene, ethylene vinyl acetate, and a compatibilizer, wherein said very low density polyethylene is an ethylene α -olefin copolymer having a density between 0.900 and 0.915 g/cm³;
an intermediate layer comprising a mixture of nylon copolymer and an amorphous nylon;
an inner layer comprising a polyolefin or ionomeric polymer; and at least one adhesive that bonds said outer, intermediate, and inner layers together,
wherein said compatibilizer is an ethylene α -olefin copolymer having a density less than 0.900 g/cm³ with a melting point range of 55-75°

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